

## Agricultural Science (BS) with Science Track

### FALL - Semester 1

TRU 110: Self and Society Seminar  
TRU 100: Truman Symposium  
AGSC 101: New Majors Seminar  
Math (by placement)  
BIOL 107: Introductory Biology I  
Dialogues (core) coursework

### FALL - Semester 3

AGSC 215: Principles of Animal Agriculture  
CHEM 130: Chemical Principles I  
Dialogues coursework  
STAT 190 or other Dialogues coursework

### FALL - Semester 5

AGSC 420: Seminar in Agriculture  
AGSC 314: Principles of Soil Science  
CHEM 329: Organic Chemistry I (or CHEM 320, SPRING - Semester 6)  
Learning Plan Agriculture Elective  
Dialogues coursework

### FALL - Semester 7

AGSC 415: Ethical Issues in Sustainable Agriculture  
AGSC 490: Agriculture Practicum I  
Learning Plan Agriculture Elective  
Learning Plan Course Elective  
Dialogues coursework

### SPRING - Semester 2

AGSC 110: Principles of Plant Agriculture  
Math (by placement)  
Dialogues coursework

### SPRING - Semester 4

AGSC 260: Agricultural Markets and Products  
CHEM 131: Chemical Principles II  
Learning Plan Agriculture Elective  
Learning Plan Course Elective  
Dialogues coursework

### SPRING - Semester 6

CHEM 320: Foundations of Organic Chemistry (or CHEM 329, Fall - Semester 5)  
Learning Plan Agriculture Elective  
Learning Plan Course Elective  
Learning Plan Course Elective  
Dialogues coursework

### SPRING - Semester 8

AGSC 491: Agriculture Practicum II  
Learning Plan Agriculture Elective  
Learning Plan Course Elective  
Dialogues coursework

**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.

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.