

## Bachelor of Science in Statistics (Data Science)

### FALL - Semester 1

TRU 100: Truman Symposium  
TRU 110: Self and Society  
MATH 198: Calculus I  
STAT 190: Basic Statistics  
Language Requirement I

### FALL - Semester 3

STAT 220: Fundamentals of Data Science  
MATH 285: Matrix Algebra  
BS CS 181: Foundations of CS II or CS/STEM  
COMM 170: Public Speaking  
Dialogues coursework

### FALL - Semester 5

STAT 398: Intermediate Seminar  
STAT 370: Probability  
STAT 310: Data Collection and Communication  
STAT Elective  
Dialogues coursework

### FALL - Semester 7

STAT 497/498: Capstone/Senior Seminar  
STAT 478: Regression Analysis  
STAT Elective  
Free Electives as desired (6 or more)

### SPRING - Semester 2

STAT 101: Freshman Seminar  
CS 170/180: Intro to Computer Science I/Foundations of Computer Science I  
ENG 190: Writing as Critical Thinking  
MATH 263: Calculus II  
Language Requirement II

### SPRING - Semester 4

STAT 250: Statistical Computing  
STAT 330: Introduction to Linear Model  
STAT 320 or 420  
Dialogues coursework  
Dialogues - Lab Science

### SPRING - Semester 6

BS Requirement - CS 430  
STAT 320 or 420  
STAT/CS Elective  
JINS  
Dialogues coursework

### SPRING - Semester 8

STAT 400+ Elective  
Dialogues coursework  
Free Electives as desired (6 or more)

### NOTES:

**Dialogues Curriculum:** 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.