Sample Four Year Plan

Statistics (BS), Classical Track

Semester 1
- TRU 120: First Year Seminar (3 cr)
- MATH 198: Analytic Geometry and Calculus I (5 cr)
- STAT 190: Basic Statistics (3 cr)
- Elementary Foreign Language I (3 cr)

Semester 2
- STAT 101: New Majors Seminar (1 cr)
- MATH 263: Analytic Geometry and Calculus II (4 cr)
- ENG 190: Writing as Critical Thinking (3 cr)
- COMM 170: Public Speaking (3 cr)
- Elementary Foreign Language II (3 cr)

Semester 3
- DATA 222: Data Science (3 cr)
- STAT 310: WE/Data Collection & Statistical Communication (3 cr)
- CS 170: Intro to Computer Science I (4 cr), **OR** CS 180: Foundations of Computer Science I (4 cr)
- MATH 264: Analytic Geometry and Calculus III (4 cr)
- Dialogues Curriculum course (3 cr)

Semester 4
- STAT 250: Statistical Computing (3 cr)
- STAT 330: Introduction to Linear Models (3 cr)
- MATH 200: WE/Foundations of Mathematics (3 cr), **OR** another MATH/SCI Course (3-5 cr)
- Dialogues Curriculum course: Lab Science (4 cr)

Semester 5
- STAT 398: Intermediate Seminar in Statistics and Data Science (1 cr)
- STAT 370: Probability (3 cr), **OR** STAT 570: Mathematical Probability and Statistics I (3 cr)
- STAT 478: Regression Analysis (3 cr)
- MATH 285: Matrix Algebra (3 cr), **OR** MATH 357: Linear Algebra (3 cr)
- Dialogues Curriculum course (3-6 cr)

Semester 6
- JINS 3XX: WE/_____ (3 cr)
- STAT Elective (3 cr)
- MATH/STAT Elective (3 cr)
- Dialogues Curriculum course (3-6 cr)

Semester 7
- STAT 497: WE/Senior Capstone Experience (2 cr)
- STAT 498: Senior Seminar in Statistics and Data Science (1 cr)
- MATH/STAT Elective (3 cr)
- STAT 400+ Elective (3 cr)
- Free Electives as desired *(5 or more)* (3-6 cr)

Semester 8
- STAT Elective (3 cr)
- Dialogues Curriculum course (3-6 cr)
- Free Electives as desired *(7 or more)* (6-9 cr)

NOTES:

- 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 with any updates to the plan

above. Rev. 8-7-24