Data Science (Graduate Certificate)

*The Data Science (Graduate Certificate) program requires a total of **15 credit hours** to graduate from the program, divided into **5 courses over 3 semesters**. This plan assumes a **Spring semester entry term**.*

SPRING - Semester 1
A Term:
- PDAT 610G: Introduction to Data Science (3 cr)*
B Term:
- PDAT 611G: Big Data Management (3 cr)

SUMMER - Semester 2
8-Week Session:
- PDAT 613G: Data Mining (3 cr)

FALL - Semester 3
A Term:
- PDAT 615G: Machine Learning (3 cr)
B Term:
- PDAT 620G: Data Science Capstone (3 cr)

NOTES:

- 1st and 2nd Block courses are 8-weeks. Full-semester courses are 16-weeks.
- (*) - Prior to enrolling in the first data science course (**PDAT 610G**), students must have completed the equivalent to **CS 170** (Intro to Computer Science) and **STAT 190** (Basic Statistics).
- Students who have taken the equivalent to **STAT 220** (Fundamentals of Data Science), **STAT 250** (Statistical Computing), and other undergraduate courses in Data Science may be allowed to substitute another graduate course in the place of **PDAT 610G**.

Graduate Program Director: Please contact the Center for Academic Excellence (advise@truman.edu) with any updates to the plan above. Updated 9-19-2024