

DS CURRICULUM

Semester I (9 credits)

SWEN-601: Software
Construction
3 credits

DSCI-633: Foundations of Data
Science
3 credits

STAT-614: Principles of Applied
Statistics
3 credits

Semester II (12 credits)

DSCI-601 Applied Data Science I
3 credit

Specialization Course I
3 credit

Elective **or**
3 credit

ISTE-608: Introduction to Data
Management
3 credits

DSCI-644: Software Engineering
for Data Science
3 credits

Semester III (9 credits)

DSCI-602 Applied Data Science II
3 credit

Specialization Course II
3 credit

Elective **or**
3 credit

Elective
3 credit

DSCI-799 Thesis **or**
3 credit

STAT-614 and ISTE-608 can
be taken in either order.

- Introductory required courses
- Project/Thesis progression required courses
- Courses to specialize in the areas related to thesis
- Selected electives