FALL
SEP - DEC

WINTER
JAN - APR

SPRING
MAY - JUN

Block 1 (4 WEEKS)

- Programming for Data Science
- Computing Platforms for Data Science
- Communication and Argumentation
- Descriptive Statistics and Probability for Data Science

Block 2 (4 WEEKS)

- Data Wrangling
- Data Visualization I
- Algorithms and Data Structures
- Statistical Inference and Computation I

Block 3 (4 WEEKS)

- Regression I
- Data Science Workflows
- Supervised Learning I
- Databases and Data Retrieval

Block 4 (4 WEEKS)

- Regression II
- Feature and Model Selection
- Unsupervised Learning
- Data Visualization II

Block 5 (4 WEEKS + 1 WEEK BREAK)

- Privacy, Ethics and Security
- Supervised Learning II
- Statistical Inference and Computation II
- Collaborative Software Development

Block 6 (4 WEEKS)

- Advanced Machine Learning
- Spatial and Temporal Models
- Experimentation and Causal Inference
- Web and Cloud Computing

CAPSTONE PROJECT

(8-10 WEEKS)