FALL
SEP - DEC

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

WINTER
JAN - APR

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

SPRING
MAY - JUN

CAPSTONE PROJECT
(8-10 WEEKS)