



CAL STATE
EAST BAY Rising in the East

Department of Statistics and Biostatistics

MS in Statistics – Data Science Option.

First Year	
FIRST SEMESTER	SECOND SEMESTER
STAT 620 (4 units)	STAT 631 (4 units)
STAT 630 (4 units)	STAT 632 (4 units)
<i>Complete University Writing Skills Requirement</i>	
Second Year	
THIRD SEMESTER	FOURTH SEMESTER
STAT 640 (4 units)	STAT 641 or STAT 675 (2 units)
STAT 650 – Advanced R for Data Science (2 units)	STAT 692 (2 units)
STAT 651- Data Visualization (2 units)	STAT 652 – Statistical Learning (2 units)
<i>File for Spring graduation by 1st Oct, submit grad check to advisor.</i>	STAT 653 – Statistical Natural Language Processing (2 units) OR STAT 654 – Deep Learning

STAT 620 Probability and Statistical Theory

STAT 630 Statistical Methods

STAT 631 Analysis of Variance Models

STAT 632 Linear and Logistic Regression

STAT 640 Advanced Statistical Theory

STAT 641 Bootstrapping Methods

STAT 675 Adv Stochastic Processes and Simulation