MINOR IN DATA SCIENCE

18 Credits Required

Requirements:
DSC 100 - Data Science I
DSC 101 - Data Science II

Select 12 additional credits (at least one from each list):
Math classes:
MAT 150 - Calculus I (4cr)
MAT 151 - Calculus II (4cr)
MAT 178 - Elementary Discrete Mathematics (3cr)
MAT 221 - Intermediate Applied Statistics (4cr)
MAT 326 - Regression Analysis (3cr)
MAT 328 - Time Series Analysis (3cr)
MAT 329 - Bayesian Analysis and Decision Making (3cr)
MAT 372 - Linear Algebra (3cr)
MAT 428 - Mathematical Foundations of Machine Learning (3cr)

Computer science classes:
CSC 212 - Data Structures (3cr)
CSC 229 - Object Oriented Programming (3cr)
CSC 235 - Web and Database Development (3cr)
CSC 321 - Algorithm Design and Analysis (3cr)
CSC 330 - Software Design and Development (3cr)
CSC 335 - Database Systems (3cr)
CSC 463 - Development of Distributed and Ecommerce Applications (3cr)
CSC 477 - Data Mining (3cr)
CSC 481 - Artificial Intelligence (3cr)

*Only one of MAT 428 or CSC 481 can be applied to the minor.