

Approved Electives for the Graduate Portfolio Program in Applied Statistical Modeling

Last Updated
4/14/2017

Choose two courses from Category 2 or one course from Category 1 and one from Category 2.

Yellow highlight = offered Fall 2017

Category 1

EDP 380C.4: Correlation and Regression Methods

M 384E: Design and Analysis of Experiments

M 384G: Regression Analysis

ORI 390R: Regression and Analysis of Variance

PSY 384K: Advanced Statistics: Experimental Design

PSY 394T: Regression Analysis

SDS 384.6: Design and Analysis of Experiments

SDS 384.4: Regression Analysis

SDS 385.12: Applied Regression

STA 380.10: Mathematical Statistics for Applications

STA 380: Statistical Computer Packages

Category 2

BIO 384K: Bayesian Modeling

BIO 384K: Muddyboots Statistics

CE 387T: Decision, Risk, and Reliability

CE 392R: Discrete Choice Theory Modeling

CE 397: Acquisition and Analysis of Transport Data

CH 382L: Advanced Physical Chemistry: Statistical Mechanics

CS 380N: Data Mining: A Statistical Learning Perspective

CS 391D: Data Mining: Mathematical Perspective

CS 395T: Computational Statistics with Application to Bioinformatics

EDP 380D.4: Psychometric Theory and Methods

EDP 380P: Item Response Theory

EDP 380P: Computerized-Based Testing

EDP 382K: Advanced Statistical Modeling

EDP 382K: Applied Bayesian Analysis

EDP 382K: Factor Analysis

EDP 382K: Analysis of Categorical Data

EDP 380C.12: Survey of Multivariate Methods

EDP 380C.14: Structural Equation Modeling

EDP 380C.16: Hierarchical Linear Modeling

EDP 381C.12: Meta-Analysis

EE 380L: Introduction to Pattern Recognition and Computer Vision

EE 380L.10: Data Mining

EE 380N: Stochastic Control Theory

EE 381J: Probability and Stochastic Processes I

EE 381M: Probability and Stochastic Processes II

GEO 383D: Numerical Methods I: Computational Methods Geological Sciences

ME 388H: Nuclear Safety and Security

NEU 385L: Bootstrap Statistics

ORI 390R.3: Time Series Modeling/Analysis/Control

ORI 390R: Reliability Theory and Modeling

ORI 390R.5: Applied Stochastic Processes

ORI 390R: Queueing Theory

ORI 390R: Systems Simulation

ORI 390R.16: Markov Decision Processes

ORI 391Q: Stochastic Optimization

ORI 390R.17: Decision Analysis

ORI 397: Nuclear Safety and Security

PA 388K: Evaluation of Social Policy and Programs

PSY 384T: Advanced Applied Statistics I

PSY 384T: Advanced Applied Statistics II

PSY 384T: Structural Equation Modeling

PSY 394U: Bootstrap Statistics

SOC 384M: Evaluation of Social Policy in Latin America

SOC 385K: Social Statistics: Discrete Multivariate Models

SOC 386L: Social Statistics: Dynamic Models and Longitudinal Data Analysis

SOC 395J: Structural Equation Models of Health and the Life Course

SDS 383C: Statistical Modeling I

SDS 383D: Statistical Modeling II

SDS 384: Bootstrap Statistics

SDS 384.7: Bayesian Statistical Methods

SDS 385: Analysis of Categorical Data

SDS 385.6: Hierarchical Linear Models

SDS 385: Survival Analysis/Duration Modeling

SDS 385: Social Statistics: Discrete Multivariate Models

SDS 385: Social Statistics: Dynamic Models and Longitudinal Data Analysis

SDS 385: Modern Statistical Methods

SDS 385K: Longitudinal Analysis

SDS 386C: Computational and Statistical Learning

SDS 386D: Monte Carlo Methods in Statistics

SDS 387: Linear Models

SDS 389: Time Series and Dynamic Models

SDS 395: Applied Microeconometrics

STA 380: Applied Multivariate Methods

STA 380: Bayesian Econometrics