

# Statistics & Data Science GIDP Course Offerings Spring 2022

*For more information on these courses see the "Statistics Coursework Spreadsheet" on the Graduate Program page on the Statistics website. Look under "Current Graduate Students Resources".*

BIOS 576B	Biostatistics for Research
BIOS 647	Analysis of Categorical Data
BIOS 648	Analysis of High Dimensional Data
BIOS 675	Clinical Trials and Intervention Studies
BIOS 696S	Biostatistics Seminar
CSC 535	Probabilistic Graphical Models
ECE 636	Information Theory
ECE 639	Detection and Estimation in Engineering Systems
ECOL 580	Mathematical Models in Biology
ECON 518	Introduction to Econometrics
ECON 522A	Econometrics
ECON 549	Applied Econometric Analysis
EDP 558	Educational Tests and Measurements
IMB 521	Scientific Grantsmanship
INFO 510	Bayesian Modeling and Inference
LING 539	Statistical Natural Language Processing
LING 582	Advanced Statistical Natural Language Processing
MATH 529	Topics in Modern Analysis
MATH 565C	Stochastic Differential Equations
MATH 574M	Statistical Machine Learning
MCB 516A	Statistical Bioinformatics and Genomic Analysis
OPTI 637	Principles of Image Science
PHCL 595B	Scientific Writing, Presentation & Bioethics
RNR 520	Advanced Geographic Information Systems
SIE 520	Stochastic Modeling I
SIE 531	Simulation Modeling and Analysis
SIE 606	Advanced Quality Engineering
STAT 566	Theory of Statistics
STAT 571B	Design of Experiments
STAT 675	Statistical Computing
TLS 571	Introduction to Item Response Theory: Modeling and Applications
EPID 613	This is the equivalent of STAT 688B and is only for those students that took EPID 613 in the fall semester.