

Methodology Track:

Advanced DS Methods:

- CAS CS 531 Advanced Optimization Algorithms
- CAS CS 565 Algorithmic Data Mining
- CAS MA 416 Analysis of Variance
- CAS MA 589 Computational Statistics

Scalable & Trustworthy DS:

- CAS CS 561 Data Systems Architectures
- CAS CS 562 Advanced Database Applications

Applied DS & AI:

- CAS CS 505 Intro to Natural Language Processing
- ENG EC 523 Deep Learning
- CAS MA 415 Data Science in R

In-The-Field Track:

● Analytics in the Field:

- CDS DS 549 Spark! Machine Learning X-Lab Practicum (pending)
- CAS EC 508 Econometrics
- CAS EE 375 Introduction to Quantitative Environmental Modeling
- CAS MA 415 Data Science in R
- QST QM 222 Modeling Business Decisions and Market Outcomes

● Algorithmics in the Field:

- CAS CS 506 Computational Tools for Data Science
- ENG EC 527 High Performance Programming with Multicore and GPUs
- QST BA 476 Machine Learning for Business Analytics

● Data Science in the Field:

- CAS EC 507 Statistics for Economists
- QST BA 305 Business Decision-Making with Data