

INFORMATION SYSTEMS CURRICULUM

DEPARTMENT CHAIR

Bin Gu

PHD PROGRAM LIAISON

Gordon Burtch

COURSE REQUIREMENTS

Foundations

- **DS 906** Philosophy and Science of Research
- The Art and Craft of Teaching
(Summer after second year)
- **IS 919** IS Research Seminar

Economics Theory (3 courses)

- Mathematics and Probability Review
(At Questrom pre-first through Fall)*

OR

Math boot camp for PhD students
(At BU Econ)

- **EC 701** Microeconomic Theory

OR

HBS4010 Microeconomic Theory

OR

Microeconomic Theory I & II, 14.121 & 14.122
(At MIT, one semester total)

- **IS 912** Information Economics

Stats/Econometrics (3 courses)

- **EC 707** Advanced Statistics for Economists and
EC 708 Advanced Econometrics I

OR

ECON 2110 Economics and
ECON 2115 Economics
(At Harvard Business School)

OR

14.380 Statistical Method in Economics and
14.381 Applied Econometrics (One semester
total), and **14.382** Econometrics
(At MIT)

- **DS 925** Causal Inference for
Management Research

Machine Learning (2 courses)

- **CS 542** Machine Learning

OR

MA 751 Statistical Machine Learning

- **DS 919** Machine Learning Methods
for Social Science Research