QUANTITATIVE INQUIRY

Provides students an opportunity to investigate and explore university-level mathematical and/or computer science analysis. (The GE code is Q1, 3 credits)

Learning Outcome: Students create sophisticated arguments supported by quantitative evidence and can clearly communicate those arguments in a variety of formats (using words, tables, graphs, mathematical equations, etc., as appropriate). [Revised spring 2014]

CPSC 230: Computer Science I
HON 208: In Search of Universal Geometry (same as MATH 208)
HON 350: Scientific Prediction: Information, Technology and Progress
HON 359: Fundamentals of Deductive and Inductive Logic
HON 367: Pythagoras Revisited
HON 382: The Fabric of the Universe: Space, Time, and Reality
HON 385: Is Big Data Enough? To be Human Among Machines
HON 389: The Science Blender
MATH 108: The Nature of Mathematics
MATH 109: Calculus with Application in Business and Social Science
MATH 110/110L: Single Variable Calculus I
MATH 111/111L: Single Variable Calculus II
MATH 115: Calculus Part I: Differentiation and Integration
MATH 116: Calculus Part II: Optimization and Differential Equations
MATH 120: Introduction to Cryptography
MATH 203: Introduction to Statistics
MATH 208: Foundations of Geometry
MATH 210: Multivariable Calculus
MATH 211: Linear Algebra
MATH 215: Introduction to Linear Algebra and Differential Equations
MATH 250: Discrete Mathematics
MGSC 208: Mathematical Analysis for Business
MGSC 209: Introductory Business Statistics
PHIL 300: Symbolic Logic
PHIL 306: Games and Decisions
PSY 203: Statistics for the Behavioral Sciences
SOC 203: Statistics for the Social Sciences