Examples of Economics & Statistics Online Courses that may satisfy Program background prerequisites

Note: This list is not inclusive; other online options are available. Taking courses at a post-secondary institution is certainly an acceptable route as well. Please contact us regarding the option or options you may be considering.

❖ Microeconomics

• University of Illinois at Urbana-Champaign - “Microeconomics Principles”
  o No recommended background; Takes into account the major keywords and features required to enter the microeconomics class.
  o [https://www.coursera.org/course/microecon](https://www.coursera.org/course/microecon)

• University of California, Irvine - “The Power of Microeconomics: Economic Principles in the Real World”
  o No recommended background; Equivalent of a term of introductory microeconomics
  o Components not necessary: monopolistic competition, land and rent, labor and capital markets
  o [https://www.coursera.org/learn/principles-of-microeconomics/](https://www.coursera.org/learn/principles-of-microeconomics/)

❖ Macroeconomics

• University of California, Irvine - “The Power of Macroeconomics: Economic Principles in the Real World”
  o No recommended background; equivalent to a semester of introductory macroeconomics
  o Cover a comprehensive set of basic macroeconomics concepts, although some sections would not be mandatory, or viewed as a complementary to GPP 502
  o [https://www.coursera.org/learn/principles-of-macroeconomics](https://www.coursera.org/learn/principles-of-macroeconomics)

• The University of Melbourne - “Principles of Macroeconomics”
  o No economics background required; will cover the basic knowledge of National and International economy features.
  o [https://www.coursera.org/course/macroeconomics](https://www.coursera.org/course/macroeconomics)

• Massachusetts Institute of Technology – “Principles of Macroeconomics”
  o No recommended background
  o Our main interest will be related to the core lectures in macroeconomics
Statistics

- University of Toronto - “Statistics: Making sense of Data”
  - No recommended background; introduction to descriptive statistics, probabilities and linear regression.
  - [https://www.coursera.org/course/introstats](https://www.coursera.org/course/introstats)

- University of Amsterdam - “Basic Statistics”
  - No recommended background; a basic introduction of descriptive statistics
  - [https://www.coursera.org/learn/basic-statistics](https://www.coursera.org/learn/basic-statistics)

- University of Zurich - “Introduction to Statistics for the Social Sciences”
  - No recommended background; three main axes (i) descriptive statistics, (ii) probability theory & (iii) inferential statistics.
  - [https://www.coursera.org/course/statistics101](https://www.coursera.org/course/statistics101)

- University of Berkeley - “Introduction to Statistics: Descriptive Statistics”

- University of Berkeley - “Introduction to Statistics: Probability”
  - A bit more advanced than others: High-school arithmetic and review of descriptive statistics (such as graphical representations, notions of centrality and spread, basic knowledge of the normal curve).

- University of Notre Dame - “I ‘Heart’ Stats: learning to love statistics”
  - No recommended background; Highlights: data identification and interpretations, graphical representations, choice of statistical tests, comprehension of a basic bivariate relationship.
  - [https://www.edx.org/course/i-heart-stats-learning-love-statistics-notredamex-soc120x#](https://www.edx.org/course/i-heart-stats-learning-love-statistics-notredamex-soc120x#)