Economics & Statistics (BS)

Major Faculty Advisors: Rebecca Nugent and Edward Kennedy; Statistics Academic Advisor: Samantha Nielsen (BH 132M-2), Economics Academic Advisor: Kathleen Conway (Tepper Quad 2470)
Website: http://www.stat.cmu.edu/

The major in Economics and Statistics provides an interdisciplinary course of study aimed at students with a strong interest in the empirical analysis of economic data. Jointly administered by the Department of Statistics and the Undergraduate Economics Program, the major’s curriculum provides students with a solid foundation in the theories and methods of both fields. Students in this major are trained to advance the understanding of economic issues through the analysis, synthesis and reporting of data using the advanced empirical research methods of statistics and econometrics. Graduates are well positioned for admission to competitive graduate programs, including those in statistics, economics and management, as well as for employment in positions requiring strong analytic and conceptual skills - especially those in economics, finance, education, and public policy.

Because this curriculum is highly sequenced, it is important to plan out each semester’s courses with your advisor.

This is a suggested schedule for a Primary Major. The remainder of the Major and GenEd can be completed in the junior and senior year.

**CURRICULUM CHANGES IN PROGRESS. Please speak with an advisor for course selections.**

1st semester
- 36-200: Reasoning with Data*
- Complete 1: First-Year Writing (FYW) 79-104, Global Histories Freshman Seminar
- 99-101, C@CM
- 21-120, Diff. & Integral Calculus***
- 73-060, Economics: BaseCamp
- xx-xxx, Elective**

2nd semester
- Complete 2: First-Year Writing (FYW) 79-104, Global Histories Freshman Seminar
- 21-256, Multivariate Analysis***
- 36-202, Statistical Methods****
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3rd semester
- 36-225, Intro. Probability Theory
- 21-122 (or 21-127 or 21-257)
- 73-230, Interm. Microeconomics
- xx-xxx, Elective**
- xx-xxx, Elective**
- 73-210, Economics Colloquium*****

4th semester
- 73-240, Interm. Macroeconomics
- 21-240 or 21-241 or 21-242
- 73-274, Econometrics I
- xx-xxx, Elective**

*Acceptable equivalents for 36-200 are: 36-207, 36-247, 36-220, or 70-207.
**This space can be used for a pre-requisite course, another GenEd course, major course, or for a course you are interested in.
***If more support is needed for calculus, take 21-111 first semester, 21-112 second semester, and 21-256 in third semester. Note: 21-256 is the co-requisite for 36-225.
****Other Intermediate Data Analysis courses are: 36-208 or 36-309 (fall/summer).
*****Not required, but encouraged for Economics Major (3 units).