

Details of Mathematics, Statistics, and Economics Coursework

Course Name / Description	Grade	Date Taken	School	Main Textbook(s)
Math Courses				
MATH 104 Single Variable Calculus	A+	F2013	University of Pennsylvania	Calculus: Early Transcendentals 12th Edition by George B. Thomas
MATH 114 Multi-Variable Calculus	A+	S2014	University of Pennsylvania	Calculus: Early Transcendentals 12th Edition by George B. Thomas
MATH 240 Differential Equations and Linear Algebra	A	S2015	University of Pennsylvania	Differential Equations and Linear Algebra by Stephen W. Goode and Scott A. Annin, Third Edition
MATH 425 Partial Differential Equations	A	S2016	University of Pennsylvania	Partial Differential Equations, an introduction (second edition) by Walter Strauss
MATH 502 Graduate-Level Abstract Algebra I	A	F2015	University of Pennsylvania	Abstract Algebra, 3rd Edition by David Dummit and Richard Foote
MATH 503 Graduate-Level Abstract Algebra II	A	S2016	University of Pennsylvania	Abstract Algebra, 3rd Edition by David Dummit and Richard Foote
MATH 23A Real Analysis and Linear Algebra	Ongoing*	F2018	Harvard College	Vector Calculus, Linear Algebra, and Differential Forms, Hubbard and Hubbard, fifth edition, Matrix Editions; Ross, Elementary Analysis: The Theory of Calculus, 2nd Edition, 2013; Lawvere, Conceptual mathematics: a first introduction to categories, 2nd Edition, 2009.
Statistics Courses				
STAT 102 Second-Semester Business Statistics	A+	F2013	University of Pennsylvania (Wharton)	Stine and Foster, Statistics for Business: Decision Making and Analysis, Second Edition.
STAT 430 Probability	A	S2014	University of Pennsylvania (Wharton)	Sheldon Ross, A First Course in Probability, 8th Edition, Prentice Hall.

STAT 470 Statistical Computing	A	S2016	University of Pennsylvania (Wharton)	No Textbook, course in R
EH6026 Applied Research for Public Health	1 st Class Honours	F2017	University College Cork	Basic Epidemiology (2 nd edition) by Bonita, Beaglehole, and Kjellstrom
STAT6011 Advanced Biostatistics	1 st Class Honours	S2018	University College Cork	Principles of Epidemiology in Public Health Practice, Third Edition: An Introduction to Applied Epidemiology and Biostatistics
ST6012 Survival Analysis	1 st Class Honours	S2018	University College Cork	Principles of Epidemiology in Public Health Practice, Third Edition: An Introduction to Applied Epidemiology and Biostatistics
Economics Courses				
ECON 010 Principles of Micro and Macro Economics	A	F2013	University of Pennsylvania	Hubbard/O'Brien Economics with MyEconLab, latest edition (Pearson)
BEPP 250 Intermediate Microeconomics (Honors)	A	S2014	University of Pennsylvania (Wharton)	Intermediate Microeconomics with Calculus: A Modern Approach by Hal Varian
FNCE 101 Intermediate Macroeconomics (Honors)	A	F2014	University of Pennsylvania (Wharton)	Macroeconomics by Abel, Bernanke, and Croushore [ABC] (Pearson, 9th edition)
BEPP 203 Business in the Global Political Environment	A	S2017	University of Pennsylvania (Wharton)	Viscusi, Harrington, and Vernon: Economics of Regulation and Antitrust, 4th Edition, MIT Press, 2005. and Baron, David: Business and Its Environment, Prentice Hall, 2013.
BEPP 305 Risk Management	A	S2017	University of Pennsylvania (Wharton)	No textbook

* I will complete MATH 23A Real Analysis and Linear Algebra on December 20, 2018. Currently, I scored 100% on the first midterm in the class, 99.5% on the second midterm in the class, and 99%+ on the graded problem sets.