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	A*	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

Course	Grade	Term	Institution	Textbook
EH6026 Applied Research for Public Health	1st Class Honours	F2017	University College Cork	Basic Epidemiology (2nd edition) by Bonita, Beaglehole, and Kjellstrom
STAT6011 Advanced Biostatistics	1st 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	1st 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
FNCE 717 Financial Derivatives	A-	F2014	University of Pennsylvania (Wharton)	McDonald, Derivatives Markets, 3rd ed., Pearson 2012.; Hull, Options, Futures and Other Derivatives, 8th ed., Pearson Prentice Hall 2011.

* I scored 100.6% in this class (including extra credit) and placed 7th of 195 students in Linear Algebra and Real Analysis. See a letter from my professor with a detailed explanation here.