STATISTICS AND DATA SCIENCE, BS

A key challenge facing managers is the interpretation of the vast amount of data generated by computing systems. As these data do not directly answer important business questions, managers must use data analysis and statistics to interpret them. Statistics and Data Science courses develop the skills and insights required to make effective use of quantitative methods, select and apply techniques, and communicate statistical results. All courses provide skills that augment substantive managerial abilities, along with exposure to computer software that implements key techniques.

For more information: statistics.wharton.upenn.edu (http://statistics.wharton.upenn.edu)

Statistics and Data Science Concentration

Code	Title	Course Units
STAT 4300	Probability	1
Select three STAT Electives [1]		3
Other Wharton Requirements		33
Total Course Units		**37**

[1] Only one math course permitted in concentration.

Other Wharton Requirements

Code	Title	Course Units
First-Year Foundations		
BEPP 1000	Introductory Economics for Business Students [1]	1
MATH 1400	Calculus, Part I	1
or MATH 1100	Calculus for Wharton Students	
Writing		
Critical Writing Seminar		1
Business		
Business Breadth (non-concentration courses)		*3*
Leadership Journey		
WH 1010	Business and You	0.5
WH 2010	Business Communication for Impact	0.5
MGMT 3010	Teamwork and Interpersonal Influence	0.5
Capstone Course/Project		0.5
Fundamentals		
ACCT 1010	Accounting and Financial Reporting	1
ACCT 1020	Strategic Cost Analysis	1
BEPP 2500	Managerial Economics	1
FNCE 1000	Corporate Finance	1
FNCE 1010	Monetary Economics and the Global Economy	1
LGST 1000	Ethics and Social Responsibility	1
or LGST 1010	Law and Social Values	
MKTG 1010	Introduction to Marketing	1
OIDD 1010	An Introduction to Operations, Information and Decisions	1
STAT 1010	Introductory Business Statistics	1
STAT 1020	Introductory Business Statistics	1
Global Economy, Business & Society		
One course unit required		1
Technology, Innovation & Analytics		
One course unit required		1
Liberal Arts & Sciences		
Foreign Language		*1*
Second semester-level course or equivalent required		1
Humanities		
At least one course unit required		1
Natural Science, Math & Engineering		
At least one course unit required		1
Social Science		
At least one course unit required		1
Cross-Cultural Perspectives		
Three course units required [2]		3
Unrestricted Electives		
Five course units required		5
Total Course Units		**33**

[1] For students who take ECON 0100 Introduction to Micro Economics and ECON 0200 Introductory Economics: Macro in place of BEPP 1000 Introductory Economics for Business Students of these courses can be slotted for BEPP 1000 on the worksheet. The second course may be used to fulfill a General Education Distribution or Unrestricted Elective requirement.

[2] Two can double-count as Humanities; Natural Science, Math & Engineering; Social Science; or Flex Gen Ed.

The degree and major requirements displayed are intended as a guide for students entering in the Fall of 2023 and later. Students should consult with their academic program regarding final certifications and requirements for graduation.