

STATISTICS AND DATA SCIENCE, MA

Wharton's Bridge to a Doctorate in Statistics and Data Science is a two-year research master's (AM) degree program which provides advanced coursework and research experience to students who need additional preparation for admission to a doctoral program.

Bridge Fellows will work with faculty on an individualized curriculum built around their interests and goals.

As part of the goal of the Statistics and Data Science Department, this bridge program seeks to prepare students for a doctoral program by providing strong mentorship and a learning environment dedicated to teaching methods of statistical modeling for effective decision making.

More details can be found here: <https://statistics.wharton.upenn.edu/programs/bridge/>.

Curriculum

Code	Title	Course Units
Course Requirements ¹		
	Coursework at the 5000-Level-and-Above Approved by the Student's Faculty Mentor	6
	Coursework with Statistical Content at the 4000-Level-and-Above Approved by the Student's Faculty Mentor	4
Non-Course Requirements		
	Master's Final Exam	
	Master's Thesis	
Total Course Units		10

¹ Students are encouraged to pursue a Master's Level Independent Studies, STAT 9999, with approval from the student's faculty mentor.

The degree and major requirements displayed are intended as a guide for students entering in the Fall of 2025 and later. Students should consult with their academic program regarding final certifications and requirements for graduation.

The Dual AM Degree in Statistics and Data Sciences is offered only to students enrolled in a Ph.D. program at Penn. Students pursuing more than one research master's degree in passing to their Ph.D. should note: While some courses can count towards both a PhD and research master's degree, no courses can count towards three or more degree programs at Penn. Penn Law, Medicine (Professional), Dental, or Vet school students will not be permitted to enroll in the program. The Master's degree cannot be granted after the PhD is awarded.

For more information: <https://doctoral-inside.wharton.upenn.edu/dual-master-of-arts-in-statistics-and-data-sciences/>

Curriculum

Code	Title	Course Units
Statistics and Data Science Department Courses		
	Select 6 CU from 5000 level or 9000 level Statistics and Data Science Department Courses	6
Additional Courses		
	4 additional CU of approved Penn courses with statistical content	4
Courses can be from Statistics and Data Science or other departments. Minimum grade of B- required.		
Master's Thesis		
An approved master's thesis. The master's thesis is a research paper that makes substantial use of statistics and is not part of a student's dissertation (though it can be related to the dissertation work) or material you completed for a course (though it can build on a paper completed for a course). The thesis can be original research or can be a literature review of some area of statistics related to a student's research. The thesis must be approved by a standing faculty member or Emeritus faculty in the Statistics and Data Science Department who has agreed to serve as an adviser for the project.		
Certification of Doctoral Qualifying Exam		
Total Course Units		10