

STATISTICS, PH.D.

Degree Requirements (60 Post-Baccalaureate Hours)

A minimum of 60 semester hours of approved course work built around a core of 10 three-credit courses. The remaining 30 credit hours must include 3 hours of Doctoral seminar, at least 12 hours of Dissertation Preparation and at least 12 hours of STAT elective courses at the 700+ level.

Core Courses (30 hours)

Course	Title	Credits
STAT 704	Data Analysis I	3
STAT 705	Data Analysis II	3
STAT 712	Mathematical Statistics I	3
STAT 713	Mathematical Statistics II	3
STAT 714	Linear Statistical Models	3
STAT 740	Statistical Computing	3
STAT 810	Probability Theory I	3
STAT 811	Probability Theory II	3
STAT 820	Advanced Statistical Inference I	3
STAT 821	Advanced Statistical Inference II	3
Total Credit Hours		30

Post Master's Degree Requirements (Minimum of 42 hours)

A minimum of 42 semester hours of approved course work built around a core of five three-credit courses. The remaining 27 credit hours are comprised of 3 hours of Doctoral Seminar, 12 hours of Dissertation Preparation and 12 hours of STAT elective courses at the 700+ level. Some remedial coursework may be required by the Graduate Director (e.g., STAT 714 if you have not taken an equivalent course in your master's studies).

Core Courses (15 Hours)

Course	Title	Credits
STAT 740	Statistical Computing	3
STAT 810	Probability Theory I	3
STAT 811	Probability Theory II	3
STAT 820	Advanced Statistical Inference I	3
STAT 821	Advanced Statistical Inference II	3
Total Credit Hours		15

Doctoral Seminar (3 Hours)

Course	Title	Credits
STAT 890	Doctoral Seminar	3
Total Credit Hours		3

Dissertation Preparation (12 Hours)

Course	Title	Credits
STAT 899	Dissertation Preparation	12
Total Credit Hours		12

Note: The doctoral dissertation must be written in conjunction with the dissertation preparation (STAT 899).

At least 12 required elective credit hours must be from STAT courses at the 700+ level, and all elective credit hours must be approved by the Graduate Director. Credit hours used in fulfilling requirements for a previous degree may not be transferred.

Additional Requirements

The progression through the degree program involves three examinations: the admission-to-candidacy exam, usually taken after the first year of study; the comprehensive exam in the form of a dissertation proposal, usually completed near the end of required course work; and the dissertation defense.