

Statistics, MS

Academic Plans

Sample Plan of Study

Sample plans represent one way to complete a program of study. Actual course selection and sequence will vary and should be discussed with an academic advisor. For additional sample plans, see MyUI.

Statistics, MS

Course	Title	Hours
Academic Career		
Any Semester		
32 s.h. must be graduate level coursework; graduate transfer credits allowed upon approval. More information is included in the General Catalog and on department website. ^a		
Students interested in pursuing the PhD in statistics are encouraged to include STAT:5120 Mathematical Methods for Statistics, 2 s.h. of STAT:6990 Readings in Statistics, and one statistics course (prefix STAT) numbered 7000 or higher in their course selections.		
Hours		0
First Year		
Fall		
STAT:5090	ALPHA Seminar	1
STAT:5100	Statistical Inference I	3
STAT:5200	Applied Statistics I	4
STAT:5400	Computing in Statistics	3
Hours		11
Spring		
STAT:5101	Statistical Inference II	3
STAT:5201	Applied Statistics II	3
Elective course ^b		3
Hours		9
Second Year		
Fall		
Exam: Master's Final Exam ^c		
STAT:6300	Probability and Stochastic Processes I	3
STAT:6990	Readings in Statistics ^{b, d}	1
Elective course ^b		2
Hours		6
Spring		
STAT:6220	Consulting and Communication With Data	3
STAT:6990	Readings in Statistics ^{b, d}	1
Elective course ^b		2
Hours		6
Total Hours		32

^a Students must complete specific requirements in the University of Iowa Graduate College after program admission. Refer to the Graduate College website and the Manual of Rules and Regulations for more information.

^b Students must complete at least 9 s.h. in elective courses. A maximum of one course numbered 7000-7999 is permitted

to apply toward the MS. See the General Catalog for list of approved courses.

^c The two-part written final examination is offered the week before classes begin in August; it covers the material presented in STAT:5100, STAT:5101, STAT:5200, STAT:5201, and STAT:5400. Students who do not succeed the first time they take the exam may repeat it once the week before the spring semester begins in January.

^d All students are encouraged to complete 2 s.h. in STAT:6990, engaging in a project that aligns with their application and career interests. Students typically register for the course in the fall and spring semesters of the second year for 1 s.h. each.