



Statistics Program: Appendix

Revised 14.02.2018

1. Assessment Test

The topics covered by the assessment test are: Calculus of one and multiple variables, Linear Algebra, Probability, and Statistics, at an undergraduate level.

2. Winter Enrichment Program

This is typically completed during the student's first year of enrollment.

3. Doctor of Philosophy

3.1. Ph.D. Courses

Ph.D. students have to take a minimum of four (4) courses of which at least two (2) must be from the STAT 300 level course list. The courses have to be approved by the academic advisor. Core courses, 100-level courses, or courses taken during the M.S. degree cannot be used to fulfill this requirement.

3.2. Subject-Based Qualifying Examination

The qualifying exam consists of four (4) written subject exams, one (1) in each of the core courses in the core curriculum. It is given twice per year: during the final exams of the Fall semester and immediately after the final exams of the Spring semester, or as feasible. The Fall semester qualifying exam is the final exam of each of the core courses given during the Fall semester. The Spring semester exam is a three 3-hour exam per subject prepared by the faculty teaching the core courses. The exams are given over the course of a few days in both Spring and Fall.

Students are encouraged to take all four (4) qualifiers in their first semester of the Ph.D. program. Students have two (2) chances to take each exam and can retake only those exams they did not pass. They are required to pass all four (4) qualifying exams within one (1) year. No extension is given except under extenuating circumstances. Each exam is passed if the student obtains a score of at least 70% in that exam. If a student at the end of the first year of Ph.D. has only passed 3 out of 4 qualifiers then the case is reviewed by the Qualifying Exam Committee and it is decided if the student can proceed with the Ph.D. For more details related to the Ph.D. qualifying exam, contact the STAT Program Coordinator.

It is the responsibility of the student to inform the Dissertation Defense Committee of his/her progress, deadlines for submitting graduation forms, the defense date, etc. It is required that the student submits her/his dissertation to the STAT Program Coordinator nine weeks prior the defense date in order to receive feedback from the committee members in a timely manner.



4. Graduate Seminar

Graduate students are required to attend the Graduate Seminars 298 (M.S.) or 398 (Ph.D.) for two semesters.

5. Courses

For STAT students, STAT 210 can only be taken on a Pass/Fail basis. Moreover, at most one course among AMCS 201, 202, 206 can be taken on a letter grade basis with approval of the student's academic advisor (the student must declare that at the beginning of the semester at the time of registration). STAT Ph.D. students cannot take any of the aforementioned courses on a letter grade basis.