

MANAGEMENT DOCTORAL PROGRAM REQUIREMENTS OF THE FINANCE AREA

General Managerial Skill Requirement:

Students must take (or receive a waiver based on equivalent master's level courses) MGMT 610 (Financial Management I), MGMT 641 (Options and Futures), and MGMT 600 (Financial Accounting) **plus any one** of the following four core courses:

MGMT 620 Marketing Management

MGMT 650 Strategic Management

MGMT 660 Operations Management

OBHR 681 Behavior in Organizations

Research Methods Requirement:

Competence in Research Writing:

Students must complete a research paper in at least one of the two doctoral seminars in finance offered in their first year in the program. In addition, students are expected to be working on research projects (individually or in collaboration with faculty) during the summer between the first and second year in the program. At the beginning of the summer term, each first year student must submit a one-page research *plan* for the summer to the Ph.D. student advisor. At the end of the summer term, each student's progress in research writing will be evaluated by the Ph.D. student advisor along with the finance faculty.

Research-Methods Topics

Each finance student must complete research-methods topics in (a) Applied Statistics, and (b) Advanced Statistics/Econometrics. To complete the research-methods topic in Applied Statistics, students must take at least 6 credit hours from Category 1 or 2 in the Applied Statistics topic, as listed in the revised Ph.D. Program in Management. To complete the research-methods topic in Advanced Statistics or Econometrics, a student is required to take 8 credit hours in the Advanced Statistics/Econometrics topic. The Advanced Statistics/Econometrics topic has as a pre-requisite the Applied Statistics research-methods topic and courses taken to satisfy that topic cannot be used to satisfy the requirements of the Advanced Statistics/Econometrics topic.

A student may petition to complete a research-methods topic other than Applied Statistics or Advanced Statistics/Econometrics. Such a change in curriculum will require approval of the Ph.D. student Advisor & the finance Area Coordinator in conjunction with the finance faculty.

Concentration (Major) Area Requirement:

Each student must take a series of four doctoral seminars in finance. If a student performs poorly in any of these seminars or performs poorly on the preliminary examination, he/she may be required to re-take one or more of the doctoral seminars. In addition, each student is required to take MGMT 690, Topics in Finance, each semester that he/she is in the program.

Related (Minor) Requirement:

Finance students are required to complete a minor in Economics. To do so, each student must take ECON 606 (Micro I - Consumer and Producer theory; Markets), ECON 607 (Advanced consumer and producer theory) and ECON 615 (Mathematics for Economists). In addition, each student must take two other economics courses from the following set:

Econ 608 - Macro I - Dynamic Programming

Econ 609 - Micro III - General Equilibrium and Social Welfare

Econ 610 - Game Theory

Econ 611 - Macro II - Intro. to General Equil. Macro Models

Econ 612 - Macro III - Intro. to Selected Topics in Macroeconomics

Econ 614 - Information and Uncertainty

Other Ph.D. courses may be substituted to fulfill this requirement at the discretion of the faculty.

There is a minimum grade-point average requirement of 3.2 for the finance courses, as well as a minimum grade-point average requirement of 3.2 to fulfill the research-methods requirement for the management doctoral program in the finance area. In attempting to attain this minimum grade-point average, a student may retake any two courses once. If the grade achieved by retaking the course is higher than the initial grade, the second grade will be substituted for the first in computing the student's grade point average for the purpose of satisfying the grade requirement. If a student does not achieve the minimum 3.2 grade-point average, the student will be dropped from the program. Additionally, a student must retake any class for which they received a grade of C+ or below, even if they otherwise meet the 3.2 requirement.

Plan of Study

Students are required to submit a formal plan of study to the Graduate School by the end of the Spring Semester of their second year in the program, and prior to taking the preliminary examination.

Preliminary Examination

Students are required to pass the preliminary examination in finance held in May on completion of the second year in the program. If a student fails the exam, the student must retake the exam in January and if the student fails again, he or she will be dropped from the program.

Doctoral Dissertation Proposal/Dissertation Committee Requirement

Within twelve months after passing the preliminary examination, each student must formally present and defend a dissertation research proposal to his/her dissertation committee. To be accepted, the proposal

must represent substantial progress towards completion of a doctoral thesis along with a statement of further work to be performed. Once accepted by the committee, the proposal is considered a "contract" that will guide the student towards completion of the dissertation. A student may be dropped from the program if there is a significant delay in achieving an acceptable proposal.

Defense of Dissertation

Each student is required to make a public defense of his/her dissertation. The required procedures for holding a dissertation defense are listed in the revised Ph.D. Program in Management.