

MA in Psychology with Emphasis in Quantitative Psychometrics

Degree Requirements

A minimum of 35 hours of graduate-level courses in psychometrics, applied statistics, and computing is required for the M.A. in Psychology with an emphasis in Quantitative Psychometrics. Twenty-three credit hours are required courses, and 12 are electives. Students must complete 30 hours of advanced study at the University of Missouri to receive the degree. This means that a maximum of six hours of graduate coursework taken elsewhere can count toward the master's degree. Such transfer of credit must be recommended by the student's advisor and approved by the director of graduate studies.

Required Courses

PSYCH 8710	General Linear Models in Psychology I	4
PSYCH 8720	General Linear Models in Psychology II	4
PSYCH 9720	Latent Variable Models in Statistical Analysis	3
PSYCH 9780	Item Response Theory I	3
	Item Response Theory II	3
	Advanced Topics in Psychometrics	3
	Computing in SAS and R	3

Elective Courses (12 credits)

PSYCH 9710	Multivariate Statistics in Psychology	3
PSYCH 9715	Multilevel Modeling	3
PSYCH 9735	Psychological Process Models	3
PSYCH 9750	Advanced Structural Equation Modeling	3
PSYCH 9760	Categorical Data Analysis	3
PSYCH 9765	Cluster Analysis and Network Analysis	3

Admissions

Applicants are required to meet two sets of minimum qualifications for admission: the requirements of the MA in Psychology program with an emphasis in Quantitative Psychometrics (<https://gradschool.missouri.edu/degreecategory/psychology/>) and the minimum requirements of the Graduate School (<https://gradschool.missouri.edu/admissions/eligibility-process/>). Because requirements vary, you *must* refer to a degree program's graduate admission page to learn about specific admission criteria, application deadlines, eligibility and application process. Before official admissions to the University of Missouri, your application materials will be reviewed by both the Graduate School and the degree program to which you've applied.