

PSYCHOMETRICS AND QUANTITATIVE PSYCHOLOGY (PH.D.)

Overview

Fordham's doctoral program in psychometrics and quantitative psychology (PQP) offers the opportunity to acquire a variety of advanced and sophisticated measurement, evaluation, and statistical skills, preparing our graduates for careers in industry, research, or teaching. The program requires 81 credits beyond a bachelor's degree (51 credits for students who hold an M.S. or M.A. degree in a relevant field), a comprehensive exam, and a Ph.D. dissertation.

Requirements

Course	Title	Credits
<i>A. Departmental Course Requirements</i>		
I. Ethical Bases		3
PSYC 6010	Research Ethics and Social Justice	
<i>For II to V, Choose three out of four categories</i>		9
II. Historical Bases		
PSYC 6066	History and Systems or PSYC 520 Fixing Psychology's Replication Crisis	
III. Biological Bases		
PSYC 6654	Introduction to Neuroscience	
IV. Social and Individual Bases		
PSYC 5710	Issues in Social Psychology or PSYC 622 Personality Theories and Research	
V. Cognitive-Affective Bases		
PSYC 6330	Cognitive Development or PSYC 637 Cognition and Affect	
VI. Methodological Bases		15
PSYC 6802	Introduction to Psychology Statistics w/ Lab	
PSYC 6830	Psychology Research Methodology	
PSYC 7804	Regression with Lab	
PSYC 7816	Introduction to Multivariate Analysis	
PSYC 7965	Experimental Design	
<i>B. Psychometrics & Quantitative Psychology Program Requirements</i>		
I. Statistics & Research Core Courses		
<i>Seven of the following:</i>		21
PSYC 7806	Multidimensional Scaling	
PSYC 7821	Advanced Multivariate Analysis for Psychology	
PSYC 7827	Models of Decision and Choice	
PSYC 7830	Structural Equation Modeling	
PSYC 7850	Hierarchical Linear Models	
PSYC 7920	Item Response Theory	
PSYC 7940	Bayesian Statistics	
PSYC 7950	Correspondence Analysis	

If the student takes all eight courses, the extra course will be counted towards Supplemental Courses

II. Supplemental Courses

Seven of the following: **21**

PSYC 5100	Psychometric Theory
PSYC 6106	Cognitive Assessment with Lab
PSYC 6119	Personality Assessment with Lab
PSYC 7811	Missing Data Analysis
PSYC 7812	Factor Analysis
PSYC 7815	Cluster Analysis
PSYC 7832	Meta-Analysis
PSYC 7835	Categorical Data Analysis
PSYC 7960	Equating Test Scores

C. Departmental-Wide Requirements

I. Seminars **3**

For 1st - 5th semesters:

PSYC 8013	Psychometric Topics Seminar I
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6th semester:

PSYC 8014	Psychometric Topics Seminar II
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II. Colloquium

For 6 Semesters:

PSYC 8025	Research Colloquium
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III. Research Practicum MA Thesis **3**

PSYC 8050	Pre-Doctoral Thesis or PSYC 804 Independent Research
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IV. PhD Comprehensive Exam

PSYC 0930	Psychology Doctoral Comprehensive Examination ¹
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V. Proposal Acceptance **3**

PSYC 0960	Proposal Acceptance
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VI. Dissertation Mentoring **3**

PSYC 0970	Dissertation Mentoring-Psychology
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Total Credits **81**

¹ More information about the Comprehensive Examination can be found on the information page on the Fordham website.